

Appl No. 10/760,340
Amdt. dated 6/29/2005
Reply to Office action of 9/29/2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)
2. (Currently Amended): The An antenna system of claim 1, comprising:
a plurality of antenna elements for providing a respective plurality of communications signals over a wireless channel; and
an isolating structure, selectively positioned with respect to the antenna elements, for selective varying signal isolation between the respective antenna elements;
wherein the isolating structure is adapted to selectively vary signal isolation so as to switch between a sectorized antenna configuration and an antenna array configuration.
3. (Original): The antenna system of claim 2 wherein the isolating structure is a removable structure, selectively received in a socket co-located with respect to the antenna elements.
4. (Original): The antenna system of claim 2 wherein the isolating structure is a displaceable structure, for selective displacement between an isolating position and a non-isolating position.
5. (Original): The antenna system of claim 4 wherein the isolating structure is hinged so as to pivot between isolating and non-isolating positions.
6. (Original): The antenna structure of claim 4 wherein the isolating structure is adapted to be selectively retained inside a cavity, wherein the isolating structure is in the non-isolating position when stowed in the cavity, and is in the isolating position when not stowed in the cavity.
7. (Original): The antenna structure of claim 6 wherein the isolating structure is spring-loaded to be selectively retained inside the cavity.

Appl No. 10/760,340
Arndt dated 6/29/2005
Reply to Office action of 9/29/2005

8. (Original): The antenna system of claim 4 wherein the isolating structure is formed of a material having displaceable elements at a sub-macroscopic level, adapted to select between isolating and non-isolating polarization states.

9. (Original): The antenna system of claim 4 wherein the isolating structure is a louvered arrangement, adapted to select between a closed, isolating position and an open, non-isolating position.

10. (Currently Amended): The antenna system of claim [[1]]2 wherein the plurality of antenna elements provide wireless communications over a plurality of wireless channels.

11. The antenna system of claim 10 wherein at least one of the wireless channels is selected from a group including 2.4 GHz and 5 GHz wireless bands.

12. (Canceled)

13. (Currently Amended): A The wireless access point of claim 11, comprising:
radio circuitry for exchanging an electronic network signal with a wireless signal;
an antenna system for sending and receiving wireless signals with a mobile client, the
antenna system further comprising:

a plurality of antenna elements for providing a respective plurality of communications
signals over a wireless channel; and

an isolating structure, selectively positioned with respect to the antenna elements, for
selective varying signal isolation between the respective antenna elements;

wherein the isolating structure is adapted to selectively vary signal isolation so as to switch between a sectorized antenna configuration and an antenna array configuration.

14. (Original): The wireless access point of claim 13 wherein the isolating structure is a removable structure, selectively received in a socket co-located with respect to the antenna elements.

15. (Original): The wireless access point of claim 13 wherein the isolating structure is a displaceable structure, for selective displacement between an isolating position and a non-isolating position.

Appl No. 10/760,340
Amdt. dated 6/29/2005
Reply to Office action of 9/29/2005

16. (Original): The wireless access point of claim 15 wherein the isolating structure is hinged so as to pivot between isolating and non-isolating positions.

17. (Original): The wireless access point of claim 15 wherein the isolating structure is adapted to be selectively retained inside a cavity, wherein the isolating structure is in the non-isolating position when stowed in the cavity, and is in the isolating position when not stowed in the cavity.

18. (Original): The wireless access point of claim 17 wherein the isolating structure is spring-loaded to be selectively retained inside the cavity.

19. (Original): The wireless access point of claim 15 wherein the isolating structure is formed of a material having displaceable elements at a sub-macroscopic level, adapted to select between isolating and non-isolating polarization states.

20. (Original): The wireless access point of claim 15 wherein the isolating structure is a louvered arrangement, adapted to select between a closed, isolating position and an open, non-isolating position.

21. (Currently Amended): The wireless access point of claim [[12]]13 wherein the plurality of antenna elements provide wireless communications over a plurality of wireless channels.

22. (Original): The wireless access point of claim 21 wherein at least one of the wireless channels is selected from a group including 2.4 GHz and 5 GHz wireless bands.